

01-14-04

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PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket No. 011361.00065)

Patentee: Shen et al.

Assignee: Atwood Mobile Products, Inc.

U.S. Patent No.: 5,650,054 Date Issued: July 22, 1997

Application No.: 522,946 Date Filed: September 1, 1995

Reissue Application No.: 10/621,637 Reissue Filing Date: July 17, 2003

Title: LOW-COST ROOM TEMPERATURE CARBON MONOXIDE AND TOXIC GAS SENSOR WITH HUMIDITY COMPENSATION BASED ON PROTONIC CONDUCTIVE MEMBRANES

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Mail Stop Reissue  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

In accordance with the provisions of 37 C.F.R. § 1.56 and 1.97, applicant herewith submits the publications and/or patents shown on the attached form PTO-1449, for consideration by the Examiner in connection with the examination of the above-identified reissue patent application.

**REMARKS**

In accordance with the provisions of 37 C.F.R. § 1.97, this statement is being filed  
(CHECK ONE):

X

(1) within three (3) months of the **Filing Date** or before the mailing date of the **First Office Action** on the merits; or

(2) after the period defined in (1) but before the mailing date of a **Final Rejection** or **Notice of Allowance**, and the requisite Certification or fee under Rule 1.17(p), namely **\$180.00**, is included herein; or

- (3) after the mailing date of a **Final Rejection** or **Notice of Allowance** but before the payment of the **Issue Fee**, and the requisite Certification, petition, and petition fee are included herein.

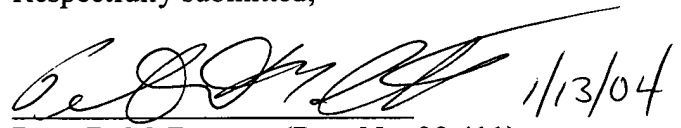
It is respectfully requested that each of the citations shown on the attached form PTO-1449 be made of record in this application. Copies of each of these citations (CHECK ONE):

- X are enclosed herewith; or
- are in the file of related application Serial No. 00/000,000, filed \_\_\_\_\_, and are thus not being resubmitted herein.

#### FEE AUTHORIZATION

The Commissioner is hereby authorized to charge any fee associated with this document to **Deposit Account No. 19-0733**. Any overpayments should be credited to same Deposit Account.

Respectfully submitted,

Handwritten signature of Peter D. McDermott in black ink, with the date 1/13/04 written to the right.

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INFORMATION DISCLOSURE CITATION  
Sheet 1 of 1Applicants: **Shen et al.**Issue Date: **July 22, 1997**

Group:

## U.S. PATENT DOCUMENTS

Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Class	Subclass	Translation	
						YES	NO
	EP0 637 851 A1	Jun. 30, 1994	EPO				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	"Humidity Dependence of Carbon Monoxide Oxidation Rate in a Nafion-Based Electrochemical Cell," Lee et al., Technical Papers, Solid-State Science and Technology, J. Electrochem. Soc., Vol. 142, No. 1, January 1995; pgs. 157-160
	"Recent Developments in Electrochemical Solid Polymer Electrolyte Sensor Cells for Measuring Carbon Monoxide and Oxides of Nitrogen," La Conti et al., Chemical Hazards in the Workplace: Measurement and Control, ACS Symposium, series 149, 1981; pgs. 551-573
	"Effects of Surface Roughening of Nafion <sup>R</sup> on Electrode Plating, Mechanical Strength, and Cell Performances for SPE Water Electrolysis," Sakai et al., J. Electrochem. Soc., 137:3777-3783, 1990
	"Chemical Sensing with Solid State Devices," Madou and Morrison, Academic Press, Inc., pgs. 448-459, 1989
	"Fuel Cell Systems," Edited by Blomen and Mugerwa, Plenum Press, Srinivasan et al., pgs. 48-52 and 63-67, 1993
	Notice of Opposition in European Patent No. 762117B, including Opponent's statement of grounds (entitled "Reasons") (18 pages total)

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. \*\*Copies of references not provided at the time of this submission.



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Mail Stop Reissue  
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P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF EXPRESS MAIL FOR REISSUE APPLICATION**

Dear Sir:

"Express Mail" Label No.: **EV 396913570 US**

Date of Deposit: 1/13/04

I hereby state that the following:

- (1) Supplemental Information Disclosure Statement (2 pgs);
- (2) PTO 1449 Form (1 pg);
- (3) Citations (7 total);
- (4) Return-Receipt Postcard and;
- (5) This Certificate of Express Mail for Reissue Application

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to the Mail Stop Reissue, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Elaine Fabrizio

Signature of person mailing paper or fee